



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 16, 2004.*

Vickie D. Wall  
Vickie D. Wall

Applicant : Thomas A. Bos, et al.  
Application No. : 10/789,237  
Filed : February 27, 2004  
Title : DIODE RING CONFIGURATION FOR HARMONIC DIODE MIXERS  
  
Grp./Div. : 2681  
Examiner : To be assigned  
  
Docket No. : 51755/JEJ/F283

**LETTER IN RESPONSE TO NOTICE TO  
FILE MISSING PARTS OF APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 16, 2004

Commissioner:

In response to the Notice to File Missing Parts of Application dated May 20, 2004, enclosed are:

1. Copy of Notice to File Missing Parts of Application;
2. Missing Parts surcharge for \$130;
3. Executed Declaration and Power of Attorney;

**Application No. 10/789,237**

4. A set of replacement drawings including FIGs. 5A and 5B, which have been objected to<sup>1</sup>.
5. Request for 2-month Extension of Time and check in the amount of \$420.

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **pendency** of this application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By   
Jun-Young E. Jeon  
Reg. No. 43,693  
626/795-9900

JEJ/vdw  
Enclosures

VDW PAS567529.1-\* 09/16/04 12:41 PM

---

<sup>1</sup> As described in the specification on page 5, lines 10-13, FIGs. 5A and 5B are photographs of an implementation of a diode ring array. As such these photographs are the only practical medium for illustrating the actual implementation. Therefore, Applicants respectfully request that they be accepted under 37 CFR § 1.84(b).



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

17W

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/789,237	02/27/2004	Thomas A. Bos	51755/JEJ/F283

CHRISTIE, PARKER & HALE, LLP  
P.O. BOX 7068  
PASADENA, CA 91109-7068



## CONFIRMATION NO. 7977 FORMALITIES LETTER



\*OC000000012727489\*

Date Mailed: 05/20/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 5A, 5B too dark.

### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts

09/21/2004 JBALINAN 00000051 10789237 Commissioner for Patents

01 FC:1232  
02 FC:1051

120.00-0P  
130.00 0P

P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

*B. To*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE